

What is claimed is:

1. A transmission for a working machine, comprising:
  - a drive transmission mechanism and a working transmission mechanism housed in a transmission case;
  - 5 a shift lever swingably provided outside the transmission case;
  - a first operating member for connecting the shift lever to the drive transmission mechanism; and
  - 10 a second operating member for connecting the shift lever to the working transmission mechanism;
  - the shift lever comprising:
    - a first protrusion constantly engaging the first operating member; and
    - 15 a second protrusion arranged to engage with the second operating member when the shift lever is swung in one direction and to disengage from the second operating member when the shift lever is swung in the other direction.